

## Water Management

Map symbol and soil name	Component percent	Limitations for--			Features affecting--			
		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
46: Borup-----	100	Severe: seepage	Severe: piping wetness	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness	Limitation: wetness	Limitation: wetness
52: Augsburg-----	100	Severe: seepage	Severe: hard to pack wetness	Severe: slow refill cutbanks cave	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: percs slowly wetness	Limitation: percs slowly wetness
58: Kittson-----	100	Moderate: seepage	Moderate: piping wetness	Severe: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Favorable
59: Grimstad-----	100	Severe: seepage	Severe: piping wetness	Severe: cutbanks cave	Favorable	Limitation: wetness	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily
60: Glyndon-----	100	Severe: seepage	Severe: piping	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness	Limitation: erodes easily wetness	Limitation: erodes easily
64: Ulen-----	100	Severe: seepage	Severe: seepage piping	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: droughty
65: Foxhome-----	100	Severe: seepage	Severe: piping	Severe: cutbanks cave	Limitation: frost action	Limitation: wetness soil blowing	Limitation: wetness soil blowing	Favorable
66: Flaming-----	100	Severe: seepage	Severe: seepage piping	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: droughty
77: Garnes-----	100	Moderate: seepage	Severe: piping	Moderate: slow refill deep to water	Limitation: frost action	Limitation: wetness soil blowing	Limitation: wetness soil blowing	Limitation: rooting depth
148: Poppleton-----	100	Severe: seepage	Severe: seepage piping	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: droughty

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184: Hamerly-----	100	Moderate: seepage	Severe: piping wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: erodes easily wetness	Limitation: erodes easily
205: Karlstad-----	100	Severe: seepage	Severe: seepage piping	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: wetness droughty	Limitation: large stones too sandy wetness	Limitation: large stones droughty
236: Vallers-----	100	Slight	Severe: piping wetness	Severe: slow refill	Limitation: frost action	Limitation: wetness	Limitation: erodes easily wetness	Limitation: erodes easily wetness
245B: Lohnes-----	100	Severe: seepage	Severe: seepage piping	Severe: no water	Limitation: deep to water	Limitation: fast intake slope droughty	Limitation: too sandy soil blowing	Limitation: droughty
280: Pelan-----	100	Severe: seepage	Severe: piping	Moderate: slow refill cutbanks cave deep to water	Favorable	Limitation: wetness droughty	Limitation: wetness soil blowing	Limitation: rooting depth droughty
343: Wheatville-----	100	Severe: seepage	Severe: hard to pack	Severe: slow refill cutbanks cave	Limitation: frost action percs slowly	Limitation: wetness	Limitation: percs slowly wetness	Limitation: percs slowly
372: Hamar-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: fast intake wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: wetness droughty
387: Roliss-----	100	Moderate: seepage	Severe: piping ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: ponding	Limitation: ponding	Limitation: wetness
404: Chilgren-----	100	Moderate: seepage	Severe: piping wetness	Moderate: slow refill	Limitation: frost action	Limitation: rooting depth wetness	Limitation: wetness	Limitation: rooting depth wetness
412: Mavie-----	100	Severe: seepage	Severe: piping wetness	Severe: slow refill cutbanks cave	Limitation: frost action	Limitation: wetness soil blowing droughty	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily wetness droughty

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426: Foldahl-----	100	Severe: seepage	Severe: piping	Severe: slow refill cutbanks cave	Limitation: frost action	Limitation: wetness	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily
432: Strandquist-----	100	Moderate: seepage	Severe: piping wetness	Severe: cutbanks cave	Limitation: frost action	Limitation: wetness	Limitation: erodes easily wetness	Limitation: erodes easily wetness
435: Syrene-----	100	Severe: seepage	Severe: seepage wetness	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: wetness soil blowing droughty	Limitation: erodes easily too sandy wetness	Limitation: erodes easily wetness droughty
439: Rockwell-----	100	Severe: seepage	Severe: piping wetness	Severe: slow refill cutbanks cave	Limitation: frost action	Limitation: wetness soil blowing	Limitation: wetness soil blowing	Limitation: wetness
481: Kratka-----	100	Severe: seepage	Severe: piping wetness	Severe: slow refill cutbanks cave	Favorable	Limitation: wetness soil blowing droughty	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily wetness droughty
540: Seelyeville-----	100	Severe: seepage	Severe: excess humus ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: soil blowing ponding	Limitation: wetness
543: Markey-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: slow refill cutbanks cave	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: too sandy soil blowing ponding	Limitation: wetness
544: Cathro-----	100	Severe: seepage	Severe: piping ponding	Severe: slow refill	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: soil blowing ponding	Limitation: wetness
547: Deerwood-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: cutbanks cave	Limitation: subsides ponding cutbanks cave	Limitation: soil blowing ponding	Limitation: too sandy soil blowing ponding	Limitation: wetness

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565: Eckvoll-----	100	Severe: seepage	Moderate: piping wetness	Severe: slow refill cutbanks cave	Limitation: frost action	Limitation: fast intake wetness soil blowing	Limitation: erodes easily wetness soil blowing	Limitation: erodes easily
582: Roliss-----	100	Moderate: seepage	Severe: piping wetness	Severe: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
641: Clearwater-----	100	Slight	Severe: hard to pack wetness	Severe: slow refill	Limitation: frost action percs slowly	Limitation: percs slowly slow intake wetness	Limitation: percs slowly wetness	Limitation: percs slowly wetness
642: Clearwater-----	100	Slight	Severe: hard to pack wetness	Severe: slow refill	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: percs slowly wetness	Limitation: percs slowly wetness
643: Grimstad Variant-----	100	Severe: seepage	Severe: hard to pack	Severe: slow refill cutbanks cave	Limitation: frost action percs slowly	Limitation: wetness droughty	Limitation: percs slowly wetness soil blowing	Limitation: percs slowly droughty
644: Boash-----	100	Moderate: seepage	Severe: piping wetness	Severe: slow refill	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: wetness	Limitation: percs slowly wetness
645: Espelie-----	100	Severe: seepage	Severe: wetness	Severe: slow refill cutbanks cave	Limitation: frost action percs slowly	Limitation: wetness soil blowing droughty	Limitation: percs slowly wetness soil blowing	Limitation: percs slowly wetness droughty
647: Hilaire-----	100	Severe: seepage	Severe: hard to pack	Severe: slow refill cutbanks cave	Limitation: frost action percs slowly	Limitation: wetness droughty	Limitation: percs slowly wetness soil blowing	Limitation: percs slowly droughty
648: Reiner Variant-----	100	Moderate: seepage	Severe: piping	Severe: slow refill	Limitation: frost action percs slowly	Limitation: percs slowly wetness	Limitation: wetness	Limitation: percs slowly
649: Reiner-----	100	Moderate: seepage	Severe: piping	Moderate: slow refill deep to water	Limitation: frost action	Limitation: fast intake wetness soil blowing	Limitation: wetness soil blowing	Limitation: rooting depth

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		Pond reservoir areas	Embankments, dikes, and levees	Aquifer-fed excavated ponds	Drainage	Irrigation	Terraces and diversions	Grassed waterways
650: Reiner-----	100	Moderate: seepage	Severe: piping	Moderate: slow refill deep to water	Limitation: frost action	Limitation: wetness soil blowing	Limitation: wetness soil blowing	Limitation: rooting depth
651: Thiefriver-----	100	Severe: seepage	Severe: wetness	Severe: slow refill cutbanks cave	Limitation: frost action percs slowly	Limitation: wetness soil blowing droughty	Limitation: percs slowly wetness soil blowing	Limitation: percs slowly wetness droughty
652: Wyandotte-----	100	Severe: seepage	Severe: hard to pack wetness	Severe: slow refill cutbanks cave	Limitation: frost action percs slowly	Limitation: percs slowly wetness droughty	Limitation: percs slowly wetness	Limitation: percs slowly wetness droughty
712: Rosewood-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: cutbanks cave	Limitation: wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: wetness droughty
713: Linveltd-----	100	Severe: seepage	Severe: piping	Severe: cutbanks cave	Limitation: frost action	Limitation: wetness	Limitation: wetness soil blowing	Favorable
765: Smiley-----	100	Moderate: seepage	Severe: piping wetness	Moderate: slow refill	Limitation: frost action	Limitation: wetness	Limitation: wetness	Limitation: wetness
1006: Fluvaquents-----	50	Severe: seepage	Severe: seepage piping ponding	Severe: cutbanks cave	Limitation: flooding frost action ponding	---	---	---
Haploborolls Complex---	50	Severe: slope	Severe: piping	Severe: no water	Limitation: deep to water	Limitation: slope	Limitation: slope	Limitation: slope
1029: Pits-----	100	---	---	---	---	---	---	---
1804: Hamre-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: slow refill cutbanks cave	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: too sandy soil blowing ponding	Limitation: wetness

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1808: Markey-----	100	Severe: seepage	Severe: seepage piping ponding	Severe: slow refill cutbanks cave	Limitation: frost action subsides ponding	Limitation: soil blowing ponding	Limitation: too sandy soil blowing ponding	Limitation: wetness
1878: Hamre-----	100	Moderate: seepage	Severe: piping ponding	Severe: slow refill	Limitation: frost action ponding	Limitation: soil blowing ponding	Limitation: soil blowing ponding	Limitation: wetness
1882: Rosewood-----	100	Severe: seepage	Severe: seepage piping wetness	Severe: cutbanks cave	Limitation: frost action cutbanks cave	Limitation: wetness droughty	Limitation: too sandy wetness soil blowing	Limitation: wetness droughty
CW: Census Water-----	100	---	---	---	---	---	---	---

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation.  
See text for definitions of terms used in this table. Absence of an entry indicates that no rating is applicable.)